

ACRONYMS

AAQS	Ambient Air Quality Standards
AC	alternating current
AIRFA	<i>American Indian Religious Freedom Act</i>
AM	amplitude modulation
ARB	Air Resources Board
ARPA	<i>Archaeological Resources Protection Act</i>
BAAQMD	Bay Area Air Quality Management District
BIA	Bureau of Indian Affairs
BLM	U.S. Bureau of Land Management
CAA	<i>Clean Air Act</i>
CAAA	<i>Clean Air Act Amendments</i>
CAAQS	California Ambient Air Quality Standards
Calpine	Calpine Corporation
CDFG	California Department of Fish and Game
CEC	California Energy Commission
CEQ	Council on Environmental Quality
CEQA	<i>California Environmental Quality Act</i>
CFR	<i>Code of Federal Regulations</i>
CNDDB	California Natural Diversity Database
CO	carbon monoxide
CO₂	carbon dioxide
CPUC	California Public Utilities Commission
CVP	Central Valley Project
CWA	<i>Clean Water Act</i>
DHS	Department of Health Services
DOE	U.S. Department of Energy
DOI	Department of the Interior
DOT	U.S. Department of Transportation
DSM	demand-side management
DWR	California Department of Water Resources
EA	environmental assessment
EIS	environmental impact statement

EJ	Environmental Justice
ELF	extremely-low-frequency
EMF	electric and magnetic field
EO	<i>Executive Order</i>
EPA	U.S. Environmental Protection Agency
EPM	Environmental Protection Measure
EPRI	Electric Power Research Institute
FAA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FM	frequency modulation
FPLE	Florida Power and Light Energy
FR	Federal Register
FRAQMD	Feather River Air Quality Management District
GIS	geographic information system
IBWC	International Boundary and Water Commission
IPT	Industrial Power Technology
ISO	California Independent System Operator Corporation
ICNIRP	International Commission on Non-Ionizing Radiation Protection
MMI	Modified Mercalli Intensity
MP	milepost
NA	not available/not applicable
NAGPRA	<i>Native American Graves Protection and Repatriation . Act</i>
NAHC	Native American Heritage Commission
NCPA	Northern California Power Agency
NEPA	<i>National Environmental Policy Act</i>
NERC	North American Electric Reliability Council
NESC	National Electric Safety Code
NHPA	<i>National Historic Preservation Act</i>
NIEHS	National Institute of Environmental Health Sciences
NIOSH	National Institute of Occupational Safety and Health
NMFS	National Marine Fisheries Service
NO ₂	nitrogen dioxide
NOA	notice of availability

NOI	.....	notice of intent
NO_x	.....	nitrogen oxides
NPDES	.....	National Pollutant Discharge Elimination System
NRHP	.....	National Register of Historic Places
NSPS	.....	New Source Performance Standard
O₃	.....	ozone
OSHA	.....	Occupational Safety and Health Administration
PA	.....	Programmatic Agreement
Pb	.....	lead
PG&E	.....	Pacific Gas & Electric Company
PGA	.....	peak ground acceleration
PIP	.....	Public Involvement Plan
PSD	.....	prevention of significant deterioration
PSMM	.....	<i>Power System Maintenance Manual</i>
PSOM	.....	<i>Power System Operations Manual</i>
PSSM	.....	<i>Power System Safety Manual</i>
Q_b	.....	Floodbasin deposits
Q_r	.....	River deposits
QT_c	.....	Continental deposits
RAPID	.....	Research and Public Information Dissemination
RCPG	.....	River City Planning Group
RCTG	.....	River City Transmission Group
Reclamation	.....	U.S. Bureau of Reclamation
RI	.....	radio interference
ROC	.....	reactive organic compounds
ROD	.....	record of decision
ROG	.....	reactive organic gas
ROI	.....	region of influence
ROW	.....	right-of-way
SATPG	.....	Sacramento Area Transmission Planning Group
SHPO	.....	State Historic Preservation Office
SIP	.....	State Implementation Plan
SJVUAPCD	.....	San Joaquin Valley Unified Air Pollution Control District
SMAQMD	.....	Sacramento Metropolitan Air Quality Management District

SMUD	Sacramento Municipal Utility District
SNR	Sierra Nevada Region/Sierra Nevada Regional Office
SO₂	sulfur dioxide
SVS	Sacramento Area Voltage Support
TANC	Transmission Agency of Northern California
TCP	traditional cultural property
U.S.	United States
U.S.C.	<i>United States Code</i>
UBC	Uniform Building Code
USACE	U.S. Army Corps of Engineers
USDA	U.S. Department of Agriculture
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VELB	Valley elderberry longhorn beetle
VOC	volatile organic compound
WECC	Western Electricity Coordination Council
Western	Western Area Power Administration
WICF	Western Interconnect Coordinating Forum

Units of Measure

%	percent
°F	Fahrenheit
µg/m³	micrograms per cubic meter
µT	microteslas
1/d	one divided by the distance
1/d²	distanced squared
cm	centimeters
cm/sec	centimeters per second
dB	decibel
dBA	decibel, A-weighted sound levels
G	gauss
GW	gigawatt
Hz	hertz
KCMIL	thousand circular mil conductor

km	kilometer
kV	kilovolt
kV/m	kilovolts per meter
kVA	kilovolt ampere
kW	kilowatt
kWh	kilowatt hour
L _{dn}	average day to night noise level
Leq ₍₂₄₎	24-hour average noise
m	meter
mA	millamp
mG	gauss or milligauss
mg/m ³	milligrams per cubic meter
mi	mile
mm	millimeter
mph	miles per hour
msl	mean sea level
MVA	megavolt-ampere
MW	megawatt
MWe	megawatt-electric
MWh	megawatt hour
PM ₁₀	particulate matter equal to or less than 10 microns in diameter
PM _{2.5}	particulate matter equal to or less than 2.5 microns in diameter
ppb	parts per billions
ppm	parts per million
ppt	parts per thousand
V	volt
V/m	volts per meter